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Sheet	1	of	2
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Complete if Known

Application Number	10/541
Filing Date	06/29/2005
First Named Inventor	Gregory F. Payne
Art Unit	
Examiner Name	
Attorney Docket Number	7512 175

U. S. PATENT DOCUMENTS

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Examiner Signature	/Harry Wilkins/
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Date Considered	06/16/2010
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Sheet **2** of **2**

Complete if Known	
Application Number	To be assigned 10/541057
Filing Date	06/29/2005
First Named Inventor	Gregory F. Payne
Art Unit	
Examiner Name	
Attorney Docket Number	7512.175

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/HW/		SEONG, et al., "Fabrication of Microchambers Defined by Photopolymerized Hydrogels and Weirs ...", Analytical Chemistry, Vol.74, No. 14, pp. 3372-3377, 2002.	
/HW/		GAO, et al., "Lateral Patterning of CdTe Nanocrystal Films by the Electric Field Directed Layer-by-Layer Assembly Method", Langmuir, Vol 18, pp. 4098-4102, 2002.	
/HW/		CHEN, et al., "pH-Sensitive Thin Hydrogel Microfabricated by Photolithography", Langmuir, Vol. 14, pp. 6610-6612, 1998.	
/HW/		BEEBE, et al., "Functional Hydrogel Structures for Autonomous Flow Control Inside Microfluidic Channels", Nature, Vol. 404, pp. 588-590, 2000.	
/HW/		SIRKAR, et al., "Amperometric Biosensors Based on Oxidoreductases Immobilized in Photopolymerized..." Analytical Chemistry, Vol. 70, No. 14, pp. 2888-2894, 1998.	
/HW/		TAKENAKA, et al., "Sol-gel preparation of single-alayer, 0.75 µm thick lead zirconate titanate films...", Applied Physics Letters", Vol. 79, No. 21, pp. 3485-3487, 2001.	
/HW/		O'CONNOR, et al., "Immobilization of neural cells in three-dimensional matrices for biosensor applications", Biosensors & Bioelectronics, Vol 14, pp. 871-881, 2000.	
/HW/		ZHITOMIRSKY, et al., "Cathodic electrodeposition of polymer films and organoceramic films", Materials Science and Engineering, Vol. B78, pp. 125-130, 2000.	
/HW/		CHEN, et al., "Self-Assembly of Monolayers of Cadmium Selenide Nanocrystals with Dual Color Emission", Langmuir, Vol. 15, pp. 6845-6850, 1999.	
/HW/		CLARK, "Engineering the Microfabrication of Layer-by-Layer Thin Films", Advanced Materials, 1998.	

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